

## ABSTRACT OF THE DISCLOSURE

In order to provide an image processing system, a projector, a portable device, and an image processing method that enable the correction of keystone distortion in the horizontal direction automatically and also appropriately, a remote controller operated  
5 by the viewer is provided with a projection area imaging function and a direction determination function; a receiver section is used to receive imaging information and direction information; a horizontal keystone distortion correction section is used to select a keystone distortion correction value from a 3D-LUT containing keystone  
10 distortion correction values, based on the imaging information and direction information; and a resizing section is used to correct the keystone distortion.